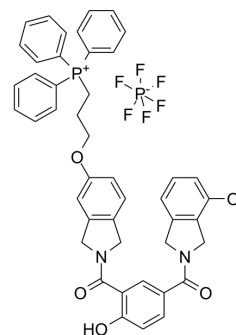


## TRAP1-IN-2

Cat. No.:	HY-155064
CAS No.:	3031102-92-5
Molecular Formula:	C <sub>46</sub> H <sub>42</sub> F <sub>6</sub> N <sub>2</sub> O <sub>5</sub> P <sub>2</sub>
Molecular Weight:	878.77
Target:	HSP
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	TRAP1-IN-2 (compound 36) is a selective TRAP1 client protein degrader, while TRAP1-IN-2 is useless for Hsp90-cytosolic clients. TRAP1-IN-2 also inhibits OXPHOS, alters cellular metabolism towards glycolysis. TRAP1-IN-2 disrupts TRAP1 tetramer stability, and disrupts the mitochondrial membrane potential <sup>[1]</sup> .
IC <sub>50</sub> & Target	TRAP1

### REFERENCES

[1]. Merfeld T, et al. Elucidation of novel TRAP1-Selective inhibitors that regulate mitochondrial processes. Eur J Med Chem. 2023 Oct 5;258:115531.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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